

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050177995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/15 11:31
L2	2	"5949623".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/15 11:32
L3	3	"3152886".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/15 11:32
L4	3	("3152886").URPN.	USPAT	OR	OFF	2006/11/15 11:36
L5	0	read same sensor same silicon same hydrogen same reduction	USPAT	OR	OFF	2006/11/15 11:37
L6	2881	read adj sensor	USPAT	OR	OFF	2006/11/15 11:37
L7	193	silicon adj reduction	USPAT	OR	OFF	2006/11/15 11:37
L8	2424	hydrogen adj reduction	USPAT	OR	OFF	2006/11/15 11:38
L9	4272	GMR	USPAT	OR	OFF	2006/11/15 11:38
L10	33550	MR	USPAT	OR	OFF	2006/11/15 11:38
L11	0	10 and 7 and 8	USPAT	OR	OFF	2006/11/15 11:39
L12	5	10 and 7	USPAT	OR	OFF	2006/11/15 11:40
L13	16	10 and 8	USPAT	OR	OFF	2006/11/15 11:41
L14	6214	magnetic adj layers	USPAT	OR	OFF	2006/11/15 11:42
L15	1012	bias adj layer	USPAT	OR	OFF	2006/11/15 11:42
L16	0	8 and 14 and 15	USPAT	OR	OFF	2006/11/15 11:42
L17	0	7 and 15	USPAT	OR	OFF	2006/11/15 11:42
L18	2	magnetic same bias same layer same silicon same reduction	USPAT	OR	OFF	2006/11/15 11:43
L19	6	("5153044"   "5302434"   "5405646"   "5436047"   "5480733"   "5631094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:48
L20	435	29/603.07.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:48
L21	0	20 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:48

## EAST Search History

L22	322	29/603.13.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:49
L23	0	22 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:49
L24	2059	29/846.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:49
L25	0	24 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:49
L26	0	204/118.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:49
L27	0	204/122.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:50
L28	490	360/317.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:50
L29	0	28 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:50
L30	1257	360/122.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:50
L31	0	30 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:50
L32	194	29/603.01.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:51
L33	0	32 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:51
L34	545	29/603.14.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:51
L35	0	34 and 7	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:51
L36	1921	360/126.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:51

## EAST Search History

L37	0	36 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L38	866	360/128.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L39	0	38 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L40	2146	427/250.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L41	0	40 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L42	949	427/252.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:52
L43	2	42 and 7	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 11:53
L44	18	("4994301").URPN.	USPAT	OR	OFF	2006/11/15 12:16
L45	16559	Tsann Lin.inv.	USPAT	OR	OFF	2006/11/15 12:17
L46	0	45 and 12	USPAT	OR	OFF	2006/11/15 12:17
L47	0	45 and 7	USPAT	OR	OFF	2006/11/15 12:17
L48	49	45 and 6	USPAT	OR	OFF	2006/11/15 12:17
L49	1012	bias adj layer	USPAT	OR	OFF	2006/11/15 12:18
L50	719	lead adj layers	USPAT	OR	OFF	2006/11/15 12:19
L51	139	10 and 49 and 50	USPAT	OR	OFF	2006/11/15 12:19
L52	255	trackwidth	USPAT	OR	OFF	2006/11/15 12:20
L53	20	51 and 52	USPAT	OR	OFF	2006/11/15 12:38
L54	20	51 and 52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/15 12:38
L55	5	("5561896"   "5650887"   "5684658"   "5783460"   "5859753").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 12:39

## EAST Search History

L56	15	("4771349"   "4972284"   "4987508"   "5001586"   "5436778"   "5442507"   "5469317"   "5475550"   "5483402"   "5495378"   "5515221"   "5532892"   "5633771"   "5654566"   "5664316"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 12:51
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